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OTS TT 64-19878

Sept 66

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Synthesis of Graft Copolymers. 10. The Grafting
of Styrene onto Polyethyleneteraphthalate
(Levsan). 11. The Grafting of Vinyl Monomers
onto Silk and Wool, by V. Korshak
RUSSIAN, per, Vysokomolekulyarnya Soedineniya,
Vol. 4, No. 11, 1962, pp 1625-1638
CSIRO/No. 6907

L. KorshAK

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V. KORSHAK

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RUSSIAN, per, Vysokomolekulyarnye
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NTC 69-11549-07C

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Polydispersity and the Structure of
the Polyisobutylene Methacrylate Chain, by
W. Korshak, S. A. Devlova, S. L. Sosin
D. G. Valkovskii.
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Vol. 6, 1964, pp. 204-208.
SLA 800-14654

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Properties of Co-Polyamides as a Function of Their
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Makarkin, E. A. Krasnyanskaya

Elemento-Organic Compounds Institute Acad. Sci., USSR

CIA/FDD X-2731

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24 pp.

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FTD-TT-63-121

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No 9, 1962, pp 1644 - 1649

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JPRS 15269

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IPST-2075

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Valetskii, P. M.

MIXED POLYARYLATES FROM TEREPHTHALIC
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PHATIC POLYHYDRIC ALCOHOLS. Pt. 37 of Hetero-
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ATS-50Q67R

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1962, v. 4, no. 7, p. 987-994.

DESCRIPTORS: *Esters, *Polymers, Synthesis,
Terephthalic acid, Hydroxides, Phenols, Phenyl
radicals, Propanes, Alcohols.

(Chemistry--Organic, TT, v. 9, no. 9)

63-12822

1. Title: Heterochain polymers
2. Title: Polyarylates
- I. Korshak, V. V.
- II. Vinogradova, S. V.
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- IV. ATS-50Q67R
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- VI. Associated Technical Services, Inc., East Orange, N. J.

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Office of Technical Services

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RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 11,
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JPRS 10868

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Preparation of Linear Polyurethanes
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RUSSIAN, per, Vysokomolekulyarnyye Soyedineniya,
Vol III, No 4, 1961, pp 521-524. 9676329

FTD-TT-62-25

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MLL Ref: 5828.4 1962 (10092)
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Sci -
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The Copolymerization of B-Substituted
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RUSSIAN, per, Vysokomolekulyarnyye
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FTD-TT-62-25

Sci ~ Chem

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(Chemistry--Organic, TT, v. 6, no. 8)		Office of Technical Services

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D. G. Valkovskii.
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SLA 566-14624

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TT-65-63844 Field 7C, 7D

Korshak, V. V.; Mozgova, K. K.; Babchinister, T. M.
METHOD OF MODIFYING THE SURFACES OF FILMS
OF POLYTETRAFLUOROETHYLENE AND POLYTRI-
FLUOROCHLOROETHYLENE. 25 Aug 65, 6p.
FTD-TT-65-496; AD-620 792.
Order from CPSTI, SLA, or ETC: HC\$1.00, MF\$0.50
as AD-620 792.

Unedited rough draft trans. of Patent (USSR)
158 063.
Patent appl. no. 776293/23-4, 27 Apr 62.

I. Foreign Technology Div.,
Wright-Patterson AFB,
Ohio

Korshak, V. V., Gribova, I. A. and others. SYNTHESIS AND POLYMERIZATION OF ARYL PHOSPHONITRILES AND ALKYL PHOSPHONITRILES. [1961] 9p. 7 refs. Order from OTS or SLA \$1.10	61-19740	
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DESCRIPTORS: *Phosphonitriles, Synthesis, Polymerization, *Polymers, Phosphorus compounds, Phenyl radicals, Alkyl radicals.		
For abstract see Technical Translations 4: 657, 1960.		
(Chemistry--Organic, TT, v. 6, no. 1)	Office of Technical Services	

TT-65-63844 Field 7C, 7D

Korshak, V. V.; Mosgova, K. K.; Babchinister, T. M.,
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FLUOROCHLOROETHYLENE, 25 Aug 65, 6p.
FTD-TT-65-496; AD-620 792.
Order from CFSTI, SLA, or ETC: HC\$1.00, MF\$0.50
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Unedited rough draft trans. of Patent (USSR)
158 063.
Patent appl. no. 776293/23-4, 27 Apr 62.

I. Foreign Technology Div.,
Wright-Patterson AFB,
Ohio

Korshak, V. V., Vinogradova, S. V., and
Lebedeva, A. S.

HETEROCHAIN POLYESTERS. XXVI. SOME LAWS
GOVERNING POLYESTERIFICATION AT THE INTER-
FACE BOUNDARY. 27 Apr 60 [11]p. 13 refs.
Order from LC or SLA mi\$2.40, ph\$3.30 60-18472

Trans. of Vysokomolekulyarnyye Soyedineniya (USSR)
1960, v. 2 [no. 1] p. 61-66.

Some laws were investigated governing the polyesterification at the interface boundary. The yield of polyester and its reduced viscosity increase with an increase of the intensity of stirring of the reaction mixture. The highest molecular weight of polyester was obtained on adding a solution of isophthaloyl chloride in *p*-xylene to an aqueous-alkaline solution of diane (0.1M concentration) during 11 minutes at about 20°C, when working with solutions of the starting substances with the same concentration. (See also 60-12618)

(Chemistry--Organic, TT, v. 5, no. 3)

60-18472

1. Carboxylic acids--
Condensation
2. Phenols--Condensation
3. Esters--Polymerization
4. Title: Hetero-chain polymers
5. Title: Esterification
- I. Korshak, V. V.
- II. Vinogradova, S. V.
- III. Lebedeva, A. S.
- IV. Title: Some...

Office of Technical Services

12 518

US-14

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Copolymerization of boron-substituted borazoles with hexa-methylene diisocyanate

Vysokomol. Soed., 2, No. 8, p. 1287 (1960)

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ATS-RJ-2653
Eur atom

A Study of Some Relationships in Intercacial
Polyesterification, by V. V. Korshak, S. V.
Vinogradova, A. S. Lebedeva, 7 pp.

RUSSIAN, par, Vysokomolekulyarnyye Soedineniya,
Vol II, No 7, 1960, pp 977-983.

AT&T-05X45R

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NEW TYPES OF LINEAR POLYMERS OBTAINED BY THE POLYRECOMBINATION REACTION. [1960] 8p.
14 refs. M2268.

Order from LC or 'LA m\$1.80, ph\$1.80 61-13-50

Trans. of Symposium on Macromolecular Chemistry,
Moscow, June 60, Section I, p. 141-149.

Earlier work (Doklady Akad. Nauk SSSR 121: 299-302, 1958, available in translation from LC or 'LA as 59-20522; and Vysokomolekul'arnyye (oyedineniya 1): 937-945, 1945, available in translation from AT&T as AT&T-12M40R) on the polyrecombination reaction is continued and it is shown for the first time that linear polymers can be obtained substantially free from three-dimensional structures. Particularly suitable starting compounds are those containing a methylene group in the α position to the benzene ring or carbalkoxy or carbophenoxy groups. Composition and structure are confirmed by analytical and IR-spectrographical data.
(Author)

61-13-50

1. Polymers--Synthesis
 2. Title: Polyrecombination reaction
- I. Korshak, V. V.
II. DSIR LLU M. 2268

Office of Technical Services
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<p>Korshak, V. V., Vinogradov, S. V., and others. HETEROCHAIN POLYESTERS. [XXXI]. A STUDY OF THE CHEMICAL PROPERTIES OF POLYARLATES. [1961] 9p. Order from ATS \$14.00 ATS-43N53R</p> <p>Trans. of Vysokomolekulyarnye Soedineniya (USSR) 1961, v. 3, no. 1, p. 79-80.</p> <p>DESCRIPTORS: *Esters, *Polymers, Chemical properties.</p> <p>(Chemistry--Organic, TT, v. 6, no. 7)</p>	<p>61-25177</p> <p>1. Title: Heterochain polymers 2. Title: Polyarlates I . Korshak, V. V. II . Vinogradov, S. V. III . Title: Study ... IV . ATS-43N53R V . Associated Technical Services, Inc., East Orange, N. J.</p> <p>Office of Technical Services</p>
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Order from ATS \$8.00

ATS-45N53R

Trans. of Vysokomolekulyarnye Soedineniya. 1961, v. 3, no. 3, p. 371-375.

DESCRIPTORS: *Amides, *Polymers, Condensation reactions, *Carboxylic acids, *Chlorides, Hydrolysis.

(Chemistry--Organic, TT, v. 6, no. 7)

61-25178

- I. Title: Heterochain polymers
- II. Korshak, V. V.
- III. Fruze, T. M.
- IV. Importance ...
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<p>Korshak, V. V., Vinogradova, S. V. and others. A STUDY OF SOME RELATIONSHIPS GOVERNING POLYCONDENSATION OF DICARBOXYLIC ACID CHLORIDES WITH DIHYDRIC PHENOLS IN HIGH- BOILING SOLVENTS. Pt. 30 of Hetero-Chain Polyesters. [1961] 6p. Order from ATS \$12.00 ATS-42N53R</p> <p>Trans. of Vysokomolekulyarnye Soedineniya (USSR) 1961, v. 3, no. 1, p. 66-71.</p> <p>DESCRIPTORS: *Carboxylic acids, *Chlorides, *Phenols, Condensation reactions, Organic solvents, *Esters, Polymerization.</p> <p>(Chemistry--Organic, TT, v. 6, no. 6)</p>	<p>61-25041</p> <p>I. Korshak, V. V. II. Vinogradova, S. V. III. Title: Hetero-Chain... IV. ATS-42N53R V. Associated Technical Services, Inc., East Orange, N. J.</p> <p>Office of Technical Services</p>	
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Synthesis of Graft Copolymers, 10, The Grafting
of Styrene onto Polyethyleneteraphthalate (Lavsan)
11, The Grafting of Vinyl Monomers onto Silk and
Wool, by V. Korshak.

RUSSIAN, per, Vysokomolekul'arnya Soedineniya, Vol
4, No 11, 1962, pp 38-1625
CSIRO/No 6907

V. KORSHAK.

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Aug 67

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Heterochain Polyamides. XXIV. Preparation of Mixed Polyamides at the Phase Interface, by V. V. Korshak, et al.

RUSSIAN, par, Vysokomolekulyarnye Soyedineniya, Vol II, 1960, pp 673-678.

AT&T 87M43B

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<p>Korsik, V. V., Vinogradova, S. V., and Lebedeva, A. S. HETERO-CHAIN POLYESTERS. PT. 2B. A STUDY OF SOME RELATIONSHIPS GOVERNING INTERFACIAL POLYESTERIFICATION. [1960] 5p. Order from ATS \$7.75 ATS-86M45R Trans. of Vysokomolekulyarnyye Soyedineniya (USSR) 1960, v. 2, no. 8, p. 1162-1166.</p>	<p style="text-align: center;">61-12091</p> <p>1. Esters--Polymerization 2. Title: Polyesterification I. Korsik, V. V. II. Vinogradova, S. V. III. Lebedeva, A. S. IV. Title: Study... V. ATS-86M45R VI. Associated Technical Services, Inc., East Orange, N. J.</p> <p style="text-align: center;"><i>141, 160</i></p>	<p>Office of Technical Services</p>
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Korshak, V. V., Zamyatina, V. A. and others.
COPOLYMERIZATION OF BORON-SUBSTITUTED
BORAZOLES WITH HEXAMETHYLENE DIISO-
CYANATE. [1960] 1p.
Order from ATS \$1.50

ATS-49M46R

Trans. of Vysokomolekularnyye Soyedineniya (USSR)
1960, v. 2, no. 8, p. 1287.

(Chemistry--Organic, TT, v. 5, no. 6)

61-12362

1. Copolymerization
2. Borazoles--Polymerization
3. Isocyanates--Polymerization
- I. Korshak, V. V.
- II. Zamyatina, V. A.
- III. ATS-49M46R
- IV. Associated Technical Services, Inc., East Orange, N. J.

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Korshak, V. V., Sladkov, A. M., and
Kudryavtsev, Yu. P.
SYNTHESIS OF POLYMERIC ACETYLENIDES.
[1961] 5p.
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ATS-87N49R

Trans. of Vysokomolekulyarnyye Soyedineniya (USSR)
1960, v. 2, no. 12, p. 1824-1827.

61-22012

1. Acetylene polymers--
Synthesis
1. Korshak, V. V.
- II. Sladkov, A. M.
- III. Kudryavtsev, Yu. P.
- IV. ATS-87N49R
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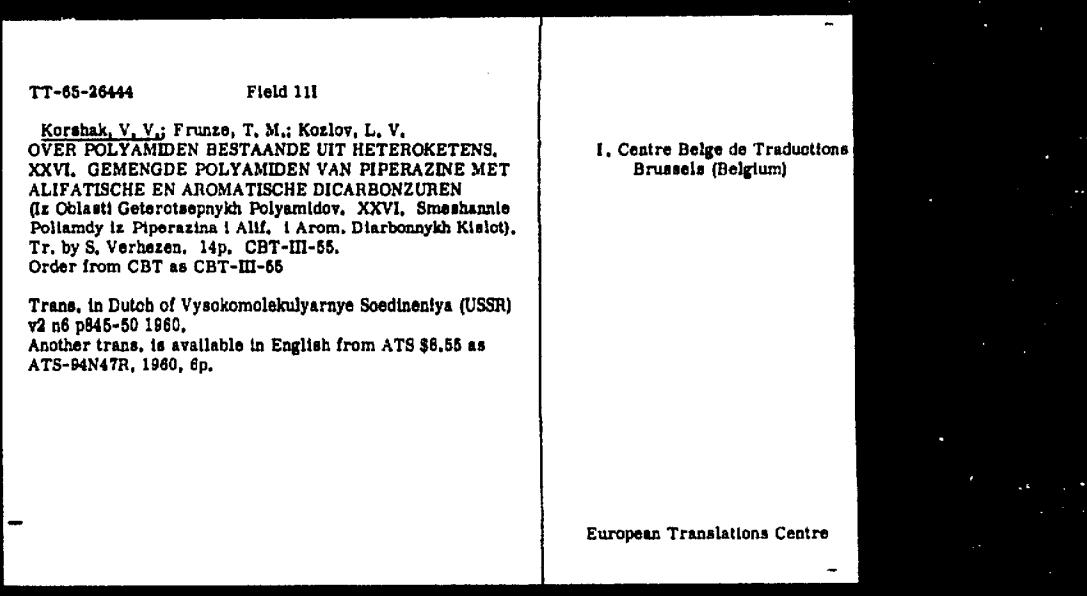
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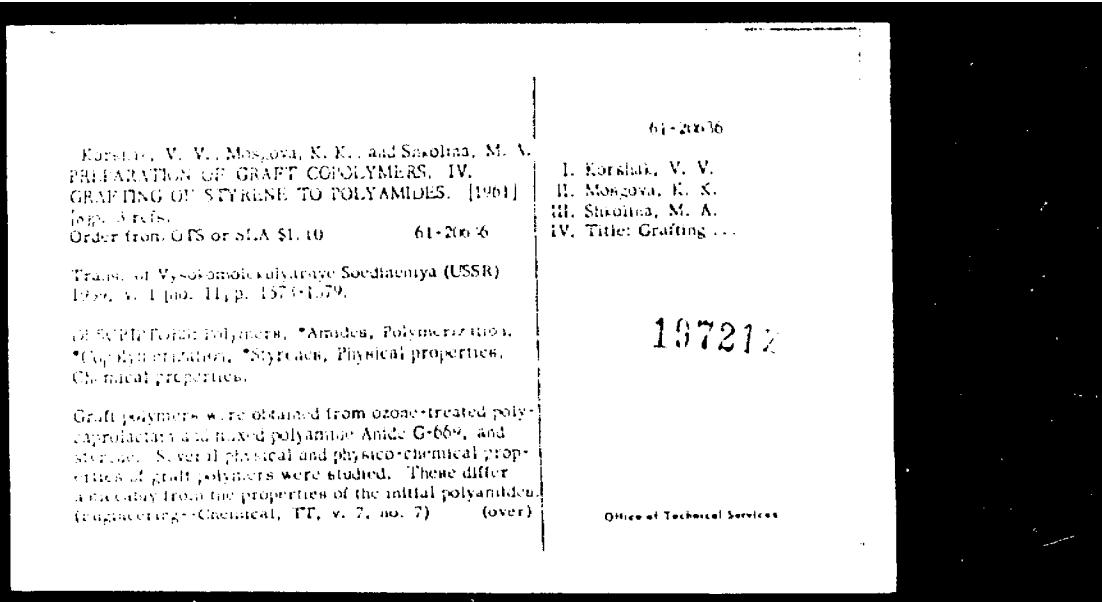
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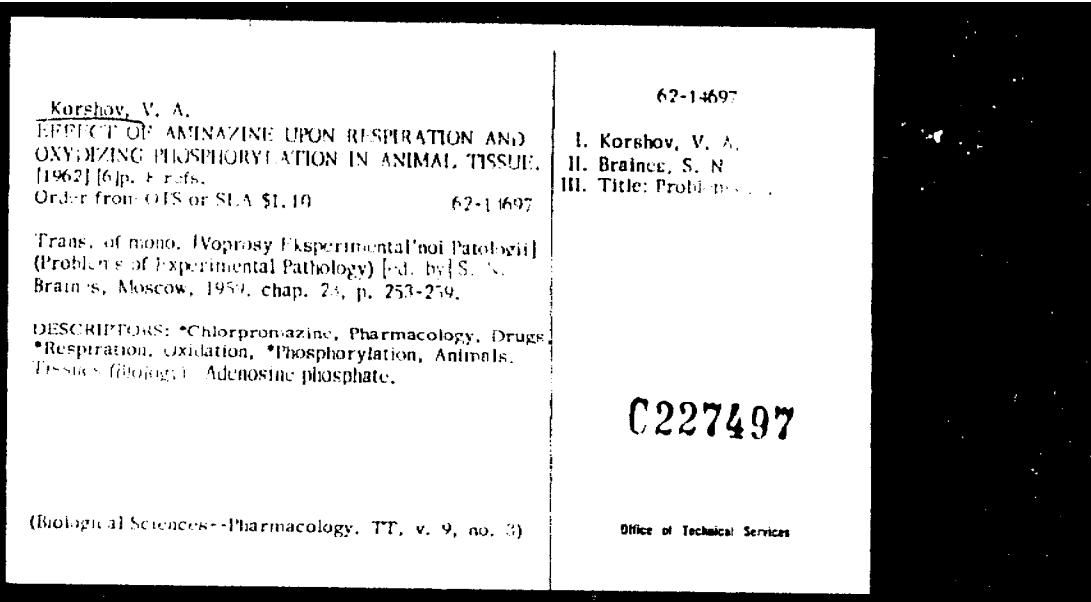
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